

§ 466.25

SUBPART B—PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------|-----------------------------|
| Milligrams per liter (mg/l) | | |
| Chromium | 0.42 | 0.17 |
| Lead | 0.15 | 0.13 |
| Nickel | 1.41 | 1.00 |
| Zinc | 1.33 | 0.56 |

(b) In cases when POTW find it necessary to impose mass pretreatment standards the following equivalent mass standards are provided.

(1) There shall be no discharge of process wastewater pollutants from metal preparation operations.

(2) The discharge of process wastewater pollutants from all porcelain enameling costing operations shall not exceed the values set forth below:

SUBPART B—PSES

| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
|---|-----------------------|--------|-----------------------------|--------|
| | | | | |
| Metric units—mg/m ² (English Units—pounds per million ft ²) of area coated | | | | |
| Chromium | 0.53 | (0.11) | 0.22 | (0.05) |
| Lead | 0.19 | (0.04) | 0.16 | (0.03) |
| Nickel | 1.78 | (0.37) | 1.26 | (0.26) |
| Zinc | 1.68 | (0.35) | 0.71 | (0.15) |

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36544, Sept. 6, 1985]

§ 466.25 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources.

(a) There shall be no discharge of process wastewater pollutants from metal preparation operations.

(b) The discharge of process wastewater pollutants from all porcelain

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enameling coating operations shall not exceed the values set forth below:

SUBPART B—PSNS

| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
|--|-----------------------|--------|-----------------------------|--------|
| | | | | |
| Mg/m ² (pounds per million ft ²) of area coated | | | | |
| Chromium | 0.47 | (0.10) | 0.19 | (0.04) |
| Lead | 0.13 | (0.03) | 0.11 | (0.02) |
| Nickel | 0.69 | (0.14) | 0.47 | (0.10) |
| Zinc | 1.29 | (0.27) | 0.53 | (0.11) |

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36544, Sept. 6, 1985]

Subpart C—Aluminum Basis Material Subcategory

§ 466.30 Applicability; description of the aluminum basis material subcategory.

This subpart applies to discharges to waters of the United States and introductions of pollutants into publicly owned treatment works from porcelain enameling of aluminum basis materials.

§ 466.31 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available:

Environmental Protection Agency

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SUBPART C—BPT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
|--|-----------------------|-------------------|-----------------------------|-------------------|
| | Metal preparation | Coating operation | Metal preparation | Coating operation |
| Metric units—mg/m ² of area processed or coated | | | | |
| Chromium | 16.34 | 6.32 | 6.63 | 2.56 |
| Lead | 5.84 | 2.26 | 5.06 | 1.96 |
| Nickel | 54.85 | 21.21 | 38.90 | 15.04 |
| Zinc | 51.73 | 20.01 | 21.79 | 8.43 |
| Aluminum | 176.98 | 68.44 | 72.35 | 27.98 |
| Iron | 47.85 | 18.50 | 24.51 | 9.48 |
| Oil and grease | 777.92 | 300.84 | 466.76 | 108.50 |
| TSS | 1,594.74 | 616.68 | 777.92 | 300.82 |
| pH | (¹) | (¹) | (¹) | (¹) |
| English units—pounds per 1 million ft ² of area processed or coated | | | | |
| Chromium | 3.35 | 1.30 | 1.37 | 0.53 |
| Lead | 1.20 | 0.47 | 1.04 | 0.40 |
| Nickel | 11.24 | 4.35 | 7.97 | 3.08 |
| Zinc | 10.6 | 4.10 | 4.46 | 1.73 |
| Aluminum | 36.25 | 14.02 | 14.82 | 5.73 |
| Iron | 9.80 | 3.79 | 5.02 | 1.94 |
| Oil and grease | 159.33 | 61.61 | 95.60 | 36.97 |
| TSS | 326.62 | 126.33 | 159.33 | 61.61 |
| pH | (¹) | (¹) | (¹) | (¹) |

¹ Within the range 7.5 to 10.0 at all times.

§ 466.32 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

SUBPART C—BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
|--|-----------------------|-------------------|-----------------------------|-------------------|
| | Metal preparation | Coating operation | Metal preparation | Coating operation |
| Metric units—mg/m ² of area processed or coated | | | | |
| Chromium | 16.34 | 0.53 | 6.62 | 0.22 |
| Lead | 5.84 | 0.19 | 5.06 | 0.16 |
| Nickel | 54.85 | 1.78 | 38.90 | 1.26 |
| Zinc | 51.74 | 1.68 | 21.79 | 1.71 |
| Aluminum | 176.98 | 5.74 | 72.35 | 2.35 |
| Iron | 47.85 | 1.55 | 24.51 | 0.80 |
| English units—pounds per 1 million ft ² of area processed or coated | | | | |
| Chromium | 3.35 | 0.11 | 1.36 | 0.05 |
| Lead | 1.20 | 0.04 | 1.04 | 0.03 |
| Nickel | 11.24 | 0.37 | 7.97 | 0.26 |
| Zinc | 10.60 | 0.35 | 4.46 | 0.35 |
| Aluminum | 36.25 | 1.18 | 14.82 | 0.48 |
| Iron | 9.80 | 0.32 | 5.02 | 0.16 |

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36544, Sept. 6, 1985]

§ 466.33 New source performance standards.

Any new source subject to this subpart must achieve the following new source performance standards:

SUBPART C—NSPS

| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
|--|-----------------------|-------------------|-----------------------------|-------------------|
| | Metal preparation | Coating operation | Metal preparation | Coating operation |
| Metric units—mg/m ² of area processed or coated | | | | |
| Chromium | 3.60 | 0.47 | 1.46 | 0.19 |
| Lead | 0.97 | 0.13 | 0.88 | 0.11 |
| Nickel | 5.35 | 0.69 | 3.60 | 0.47 |
| Zinc | 9.92 | 1.29 | 4.09 | 0.53 |
| Aluminum | 29.46 | 3.82 | 12.06 | 1.56 |
| Iron | 11.96 | 1.55 | 6.13 | 0.79 |
| Oil and grease ... | 97.24 | 12.60 | 97.24 | 12.60 |
| TSS | 145.86 | 18.91 | 116.69 | 15.12 |
| pH | (¹) | (¹) | (¹) | (¹) |
| English units—pounds per 1 million ft ² of area processed or coated | | | | |
| Chromium | 0.74 | 0.10 | 0.30 | 0.04 |
| Lead | 0.20 | 0.03 | 0.18 | 0.20 |
| Nickel | 1.10 | 0.14 | 0.74 | 0.10 |
| Zinc | 2.03 | 0.27 | 0.84 | 0.11 |
| Aluminum | 6.03 | 0.78 | 2.47 | 0.32 |
| Iron | 2.45 | 0.32 | 1.26 | 0.16 |
| Oil and grease ... | 19.92 | 2.58 | 19.92 | 2.58 |
| TSS | 29.88 | 3.87 | 23.90 | 3.10 |
| pH | (¹) | (¹) | (¹) | (¹) |

¹ Within the range 7.5 to 10.0 at all times.